



OREGON

TUALATIN

VALLEY

OCTOBER, 1982

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

Meeting: Wednesday, October 20 at 7:00 pm.....

Coffee, juice and cookies at BREAK time.....

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President: Dick Powers WB7ADM
Vice-Pres: Randy Cobb KA7HJT
Secretary: Linda Cereghina N7CZY
Treasurer: Warren Knight N7BIJ

Trustee: Bob Orr KB7CC
Trustee: Mark Walker W7CLU
Trustee: Al Berg WB7SIC
Trustee: Roger Steyaert K7RXV
Trustee:

Dick is to be congratulated for such a great September meeting. The NASA film was outstanding and, by the way, was obtained by Ron, WA7GFE. The loooooong social hour was a lot of fun what with free coffee and goodies as well as a video tape of our field day and picnic/campout. The tape was courtesy, again, by WA7GFE. We had about 150 bodies at the meeting and that included a lot of wives as well as kids. We ought to have that kind of meeting more than once a year. Lots of fun and quite a few members got the opportunity to meet their unknown comrades in QRM. The new revised shortened raffle got us fewer items for the shack but the quality was much better. Guess who won the BIG one! Dicks wife, Joanne, WB7QFL, took home the 2m beam. It is assumed that the Crazy Quad raffle committee is honest. Let us hope so anyway! A suggestion for the raffle committee would be to have colored boxes the same as the ticket colors you are using. Every meeting finds people asking where the raffle tickets go. How about it Carl?? Carl, KA7GHR, by the way, heads up the committee that fleeces you out of your hard earned coins. Every month they go down to PR and try to pick out items that will satisfy the masses. If you have any strong ideas on what you would like to see for prizes, tell Carl. He may or may not pay any attention, depending on how busy he is but at least you can have your say. A big thanks to Carl as well as his group. Who are they? Gino, KA7KEH, Willie, N7DZR and Steve, N7DNN.

A SPECIAL THANKS: Ron, WA7GFE, will require a much larger hat after this rag hits the Xerox machine. Ron was kind enough to spend an evening enlightening members on traffic handling and the proper method of filling out Radiograms. This phase of our hobby is very important and many members, via past member questionnaires, indicated great interest in the subject. The support of this 'class' STUNK!!!!!!!!!!!!!!!!!!!!!! It was held at the PGE building and in spite of prior publicity, drew all of 15 members. If any member ever comes up to me and suggests a program on traffic handling, I know what my response will be and I am sure that the few who attended would agree. Thank you Ron. You did a good job!

High school girl to father, "You think you had it rough when you went to school. Some of the kids in my class had to park their cars four blocks away."

If you think you have no friends, just rent a cottage on the beach.

Some stretch pants

have no other choice!

OTVARC '82

by DICK WB7ADM

■ On Sunday September 26th., a large number of our OTVARC members took to the streets of Portland, Hillsboro, Forest Grove, Beaverton, Lake Oswego West Linn and Oregon City to provide communications for the annual Diabetes Association Bike-A-Thon. Input received from all of the area coordinators for the Diabetes Association indicate that we can be very proud of another public service event "Well Done". Thanks are in order to all of our members that gave a day of their time and braved the weather to provide a very worthwhile service to our community. I can't help but think that the image of amateur radio is improved each time that we participate in an event of this nature and perform well. Hats off to our Emergency/Public Service Chairman (Mark N7CRQ) for his effort in this his first major undertaking. "Thanks Mark"

■ To update everyone on the progress of the nominations process, I'm happy to report that our nominations committee, under the leadership of Al Berg, have put together a full slate of nominees to present to you during this month's meeting.

Our nomination process is changing a little this year in order to allow for greater membership participation in the election process. After the committee gives you their slate this month, you will have a full month to think it over and, if desired, come up with another nominee of your choosing. You will have the opportunity to make these additional nominations during the November meeting. Once we receive any additional nominations from the floor in November, nominations will be closed and the ballot mailed prior to December 1st. The ballots will be counted during the December meeting, as usual.

I would urge each of you to review the nominations very carefully and assure yourself that we have the best possible slate of candidates from which to choose our officers for 1983. Know the candidates, talk with them if at all possible, and above all, cast an informed vote during this year's election.

■ For the record, with a very enjoyable year coming to a close, I have informed your nominations committee that I will not seek, nor will I accept the nomination for President for 1983. After seeing the wealth of talent available this past year, I feel my efforts can best be used in OTVARC in other areas.

■ Our turn-out at the September meeting was nothing short of super. We enjoyed meeting and visiting with many of your family members that have been scarce at many of the club functions. I hope we have the opportunity to have another get-together of this type in the near future. It would be great to see all of you out again for this month's meeting along with those of you that have been missing for the last few months. Put October 20th. on your calendar now for what promises to be a great meeting!

■ During the next few weeks I will be looking for some new talent to place on our social committee. We have had several drop-outs in recent weeks and the need is there for replacing these folks as soon as possible. The committee will be planning the Christmas party in the very near future and frankly, we need some help. Please call me if you can spare some time to help this important committee.

See you at the meeting!

'73

Dick WB7ADM



AT LAST-A LETTER TO THE EDITOR

Dear Al,

After associating with you the past five years, it is hard for me to realize that you would engage in the practice of discrimination. The case in point is the recent publicity in the club newsletter regarding certain club members alledged DX accomplishments. Please don't misunderstand me as they are both fine upstanding citizens, as long as they stay off the air and don't QRM the bands.

I can overlook the fact that I was not recognized when I made extra class, received my WAS, WAC, DXCC and closing in on 190 confirmations, a good number of which are true state of the art CW contacts, but the one thing that requires me to stand up and be counted is that I am the proud owner of the coveted RCC certificate. I trust this oversight will be duly noted.

Respectfully,
Hank Christenson
WB7TIJ

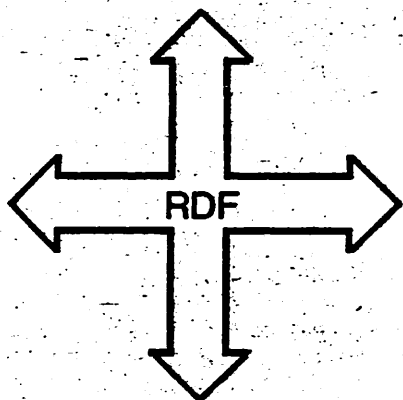
Hats off to Hank! I choked up on this letter. If you know Hank you know why. If not, hear this! Hank got into amateur radio about five years ago and for over three years did not own a microphone. A died in the wool CW man and nobody could get him on phone. Don't know how he acquired a mic but, obviously, to get the RCC award, he did and is now mixing his DX contacts. Sorry to have missed your accomplishments Hank but when you send the editor a message at 30 wpm it gets a file 13! Do it in ENGLISH!! While we have Hank on the mind, I might mention that he showed up one night at my house, nattily attired and with a bottle of refreshments in hand. This was on a Friday eve and the club Xmas party was scheduled for Saturday nite!!! We enjoyed a good chat in spite of the goof. One thing, which I (sorry) relish in is that he has never heard what problems he caused at our 1979 Xmas party. While he and KA7CSS were parking the car in front of my house, he, or Clarence, backed into a neighbors mail box and knocked it flat. They never heard or felt anything and after the party was over, left in good spirits. The mailman, after a busy holiday season, was upset, and the neighbor, who saw the destruction of his mailbox, thought it was funny. The guy at the lumber yard who sold me a cedar 4x4 smiled. He must have been the owner. Nice going Hank. Hope that you hit 200 very soon but make sure that it is countries and not mail boxes.

CAUTION

There have been some recent abuses of the rules both on 92-32 as well as 04-64 rpters. It is absolutely taboo to conduct business over the air waves of amateur radio so if you have been doing so, the officers of ARRG ask that you cease and desist. It is the duty of the ARRG control operators to protect the callsign used on the repeaters so if you are conducting business and an operator comes on and asks that you stop, let us hope there are no hard feelings. Don't put a fellow member between a rock and a hard spot. Conduct your business off the air. Thanks!!!

Radio direction-finder

BMG Engineering announces a new type of radio direction-finder — the SuperDF. Amateurs can use the system for sport transmitter hunts, finding stuck microphones and hunting jammers. Commercial groups can find stuck transmitters. Search and rescue teams can use it to triangulate on boats at sea or downed aircraft, and in air and ground searches.



This easy-to-use unit connects to any unmodified NBFM receiver (such as a scanner, hand-held or transceiver) at the antenna input and external speaker jack. It will direction-find on any frequency between 50 and 260 MHz with one antenna, and between 100 and 550 MHz with another antenna. The system cannot be overloaded, and neither an "S" meter nor attenuator is required. Signals from below the noise level to immediately in front of the transmitting antenna can be hunted. One control unit can be used with any antenna unit, base station, mobile or hand-held. When used Mobile-In-Motion, the electronics do an excellent job of averaging out reflections from nearby objects, allowing stable, accurate bearings to be taken. Not having to stop to take bearings cuts down the time required to reach the transmitter. Additionally, ketchunkers are easily hunted.

The SuperDF is available in kit form. Included are circuit boards, parts, drilled box, drilled antenna boom and antenna elements. The documentation includes building instructions, figures, diagrams, theory of operation, operating instructions, check-out and troubleshooting section, and extensive hints on hunting with the system. Construction and adjustment requires only simple hand tools, epoxy glue and a VTVM.

Kit prices range from about \$125 to \$150. For more information, send an SASE to: BMG Engineering, 9935 Garibaldi Ave., Temple City, CA 91780. □



COMMON CONNECTORS AND WIRE

You have heard plenty about the common power connectors for emergency services operation and many hundreds have been sold. We thank Wes, K7WWG, for getting the ball rolling on this standardization effort. If you are interested in buying some or perhaps in need of more of them, Antronics is making them available at COST. The real subject at hand is the WIRE that works so well with these connectors. The

club has purchased quite a bit of wire stock and will sell it via the efforts of Roger, K7RXV. The wire will handle up to 30 amps and is extremely flexible. Something not too common when you consider the amperage capacity. The wire fits perfectly with the connectors and the flexibility makes it ideal for most any application. The cost per foot is 40¢ and if you need some, call Roger at 642-1419. Roger is going to make the wire available at club meetings so you have that option as well. By the way, many other people in some of our neighboring clubs have gotten on the band wagon and are standardizing. If everyone uses the same connector, we are all compatible, rig wise, and it could mean a lot in an emergency situation. WE GOT THE WIRE so come and get it.....

To the Members of Oregon Tualatin Valley ARC

I would like to take this opportunity to talk about the serious side of Amateur Radio. The many issues that concern me are major issues that affect the future of our hobby.

Anti-Amateur radio ordinances that threaten the existence of Ham Radio concern me. The Burbank, Illinois, Ordinance and your own Multnomah County Ordinance are prime examples. They can be devastating!! I'm concerned about No Code licensing; Phone band expansion; Loss of frequencies and operating privileges which all effect our on-the-air operating fun. _

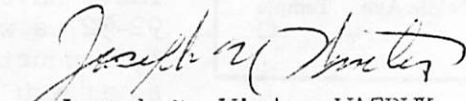
Expected soon will be FCC Volunteer monitoring and licensing examinations. The League will undoubtedly play a vital part in shaping this program. It is imperative that the Board of Directors make correct decisions.

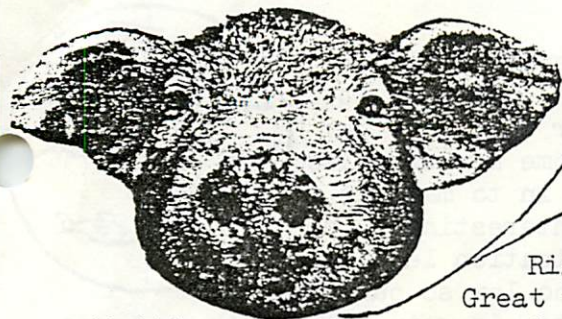
Our declining membership affects us all. It deeply concerns me that I do not find the problem being addressed. How far do we let it decline? We need growth for increased strength in our League.

Soon you will be receiving a ballot for the election of the North-western Division Director. I am a candidate for this important position because I want to represent you in these crucial decisions. Our Division needs an effective Director on the Board. Elect me your Director. I appreciate your vote.

Please look for my special letter which you should receive about the time your ballot arrives.

Sincerely,


Joseph N. Winter WA7RWK
Washington SCM



HOWDY
COUSIN !

A BIG HATS OFF TO OUR NEWEST MEMBERS. WELCOME, IF YOU WILL, THE FOLLOWING ENLISTEES THAT MADE THE BIG DECISION...

Paul Buchco, W7QKQ-Steve Metzger, KC7VH-Doug McMurdo, W7XI-Art Geschrey, KA7OAY-Cyrus Righter, KA7NYY-Mark Nelson, AA6DX-Jim Schmitt, N7ELB.

Great to have you all in the club and hope that you enjoy our activities and make many new friends. By the way, AA6DX lives in Red Bluff, Calif. and was the guy who drove all the way to Seaside to give us a seminar on contesting. At his expense!!! Welcome to you ALL... Our membership now numbers a whopping 230.....

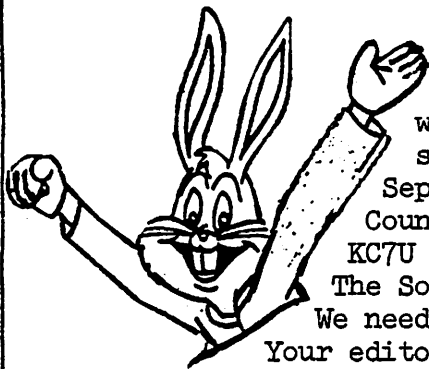
ARRL: It is really great to get such a large number of hams interested in OTVARC but there is one disconcerting note about our growth rate. As we grow, our percentage of ARRL membership goes down. This has been evident, particularly, during the past six months. As an example, only two of our new mebers are with the ARRL. I know that some of you are tired of hearing about joining the League but so long as your editor is an Assistant Director for our area, you will hear it. Membership in the ARRL is \$25.00 per year and the League, just like OTVARC, tries to give you your money back in some very important ways. You are NOT subscribing to a magazine! You are contributing to some services that mean a great deal to the future of ham radio. The MOST important service that the ARRL gives us is representation in Washington. This is something that NO OTHER person or group gives us. If you wish to subscribe to the OTHER popular magazine, great! I do, and enjoy it very much. The cost of the OTHER magazine is also \$25.00. As the editor of the OTHER magazine does nothing for amateur radio other than enjoy his ego editorials and trips to foreign countries, I wonder if my money is well spent! The ARRL spends it's income for US. Please give some consideration to giving our very important hobby the support it needs. Thank you....

CLUB LIBRARY: Bill Gochenour, WB7NPH, has one whole wall of his shack filled with back issues of QST, 73 and others. Many technical reference manuals as well as back issues of ARRL handbooks and Hints and Kinks are included in our library. The problem we face is a lack of use. It is really a shame that so many kind people donated some very valuable material and it is not getting used. If the library idea does not work, we will have to come up with some way of unloading the material but still make it available for use. Perhaps a donation to a library? What do you think? Bill has said he doesn't mind taking care of it but if it is not used, he needs the space...

BADGES AND JACKETS: Some of our newer members may not realize that when you order a badge or jacket, you don't have to pay for it until delivered. The jackets have not caused us any problem BUT the badges have. We are sitting on quite a few dollars of plastic rectangles. Several of them have been ready for over 6 months and as we are not a loan agency, it would be appreciated that they be picked up. Remember, jacket forms are up front at meetings right along with club roster and etc.. If you would like a badge, see the club secretary.....

WE NEED WIRE: Certain members have been trying for over a year and a half to locate about 500 feet of #8 or #10 wire so that we can install a new service for our field day hosts. The power line to the cookhouse is #12 and is grossly inadequate. If any member has information as to where we can obtain the needed wire, please call the club president. The wire is a HIGH PRIORITY subject. Our hosts deserve the help!!

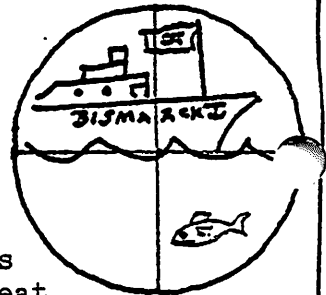
MISSING IN ACTION: The list in last months newsletter of some of the members that had not been seen for awhile paid off. Several of them showed up, including Dave, AB90, who asked to be not noticed just so he could get his call in the rag again. Pretty slick, Dave, but you just got it in by being there. Great to see quite a few rare members. Sure hard to figure why ANY member would want to miss a meeting. Great programs and good fellowship should be enough to get many more out than have been. Where else can you get coffee for 25¢ and cookies for free???? CU Oct. 20 at PGE.....



The Sept. 18 hunt held in Beaverton was won by Mike, KC7U and second was W7LJN. The Sept. 19 hunt in Clark County was won by Mike, KC7U and second was W7LJN. The South shall overcome! We need MORE BUNNY HUNTERS!

Your editor just put together a bracket which fits on the car and holds a beam. The bracket cost a couple of hrs. work and cost \$3.35 for materials. It is not an expensive thing to do, just a lot of fun. Show up for the next one and hitch a ride with someone. See how it is done and then get busy preparing to take part. You won't regret it!!!!!!

The Bismark activity will be continued at a later date. We may have some new wrinkles thrown in to make it more interesting. The participation level has been too low so our great committee is going to get their heads together and make some changes. Will keep the membership informed.....



DIABETES BIKEATHON

HATS OFF to the many members who helped out on this past event. A special word of thanks to Mark, N7CRQ, who did much of the co-ordinating. A day well spent by a few to help many!!!! SUPER

ADVERTISERS AND DONORS

It has been too long since we gave mention of thanks to both our advertisers as well as donors. All of our raffle items, purchased commercially, are made available to us by Joe at Portland Radio. And the price is right! We must thank Joe for his kindness not only for raffle items but for his 1% rebate program for the club. Antronics of Oregon, which is operated and run by Stan, W7NI, is also thanked for giving our club a 1% rebate on club member purchases. These rebate programs have made it possible for the club to obtain some much needed equipment and at no cost to our treasury. We must also thank Cascade Electronics, Norvac, Heathkit of Vancouver and St. Helens Electronics for their advertising contributions. Brian, the manager of Heath over in Vancouver, donated the complete station for the convention in Seaside. This is a direct result of our clubs contact with him and his interest in building the business. Dick, W7ZR, out in St. Helens is wondering if his advertising dollars are paying off for him. St. Helens is a long drive from our valley and his concern is understandable. Trouble is, we have a lot of people running around buying things and if they don't have on a club jacket or mention that they are a member of OTVARC the proprietor (?) has no idea if his newsletter advertising is worth it. Each of our advertisers is rather unique and in a small way are non-competitive. Portland Radio carries ICOM and Kenwood. Antronics carries, basically, Yaesu and is much into towers. If you are a dum-dum like me, a kit is the answer and in that case you go see Brian over in Vancouver and follow the manual. For the computer buff or serious builder, Norvac has what you need. Parts galore and some real quality electronic tools. If you are a garage sale addict or are a real cheapskate looking for a bargain in electronic parts or equipment, Gary, the head honcho at Cascade, will more than satisfy your desires. If you haven't been in Cascade Electronics, you haven't lived. You won't believe it! Our good friend in St. Helens needs some support. St. Helens Electronics is a mix of all.. Dick is a Radio Shack franchise but mixes it with ham interests, He has a VERY good consignment operation and if you are looking for some used gear at the right price or are looking to sell (no dogs) a popular item or items, it will be worth your while to hop on your pony and give him a visit.

There you have it! We have some businesses that are helping us and all they want to be assured of is that what they give us is worth it. Just tell them OTVARC sent you!!!

GOOD ADVICE

Don't look for flaws as you go through life,
And even when you find them.
It is wise and kind to be somewhat blind
And look for the virtue behind them.
The work will never adjust itself
To suit your whims to the letter;

Some things must go wrong your whole life long,
And the sooner you know it the better.
It is folly to fight with the infinite
And go under at last in the wrestle
The wiser man shapes into God's plan
As water shapes into a vessel.



FOR SALE -- KENWOOD TR-7730 2M transceiver with touch tone mic --
-- \$275 -- Paul -- WB7BBG -- 244-7420

FOR SALE: Yaesu 101E-Yaesu YC-601 Digital Display-Yaesu FV-101B external VFO-Yaesu Landliner external spkr and phone patch. Calrad boom mic with heavy base-Heath HM-2140 SWR/PWR meter and all for \$750.00. All pieces in excellent condition. Al Berg, WB7SIC at 640-5456.

For Sale: Phillips punch card business computer. About 8 years old and in working cdx. A full box of program material and the new cost was \$30,000... Will sell for \$50.00. Use it or take it apart and make a bundle at a flea market. Al Berg, WB7SIC at 640-5456.

For Trade: 40' HEAVY DUTY crank-up tower for a Heath SB200 amplifier. Al Berg, WB7SIC at 640-5456.

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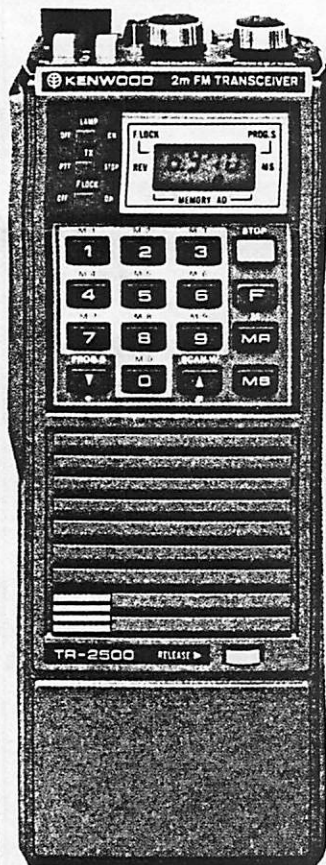
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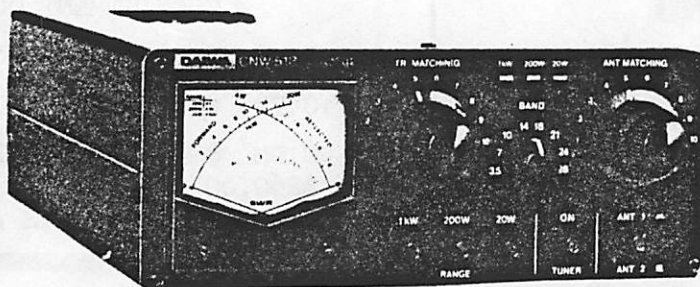


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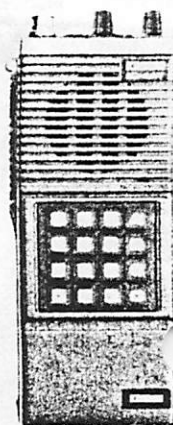
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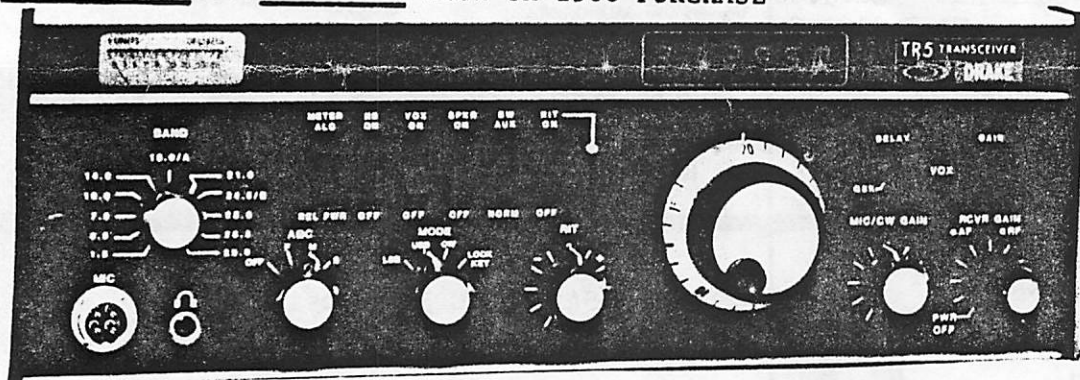
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RESULTS OF AUGUST 19th TWO METER PHONE CONTEST

About 40 different stations created R.F. Mayhem in the recent Experimental Two Meter Phone Contest Sponsored by O.T.V.A.R.C. All operators interviewed felt the test a HUGE success. Operating the contest was FUN, FUNNY and Very ENTERTAINING! We have already scheduled similar contests for next year, DON'T MISS THEM.

All the TOP phone operators submitted logs. Their ranking and scores are:

WB7WHO / KA7GVB	100
WB7SIC / WB7VWX	90
N7CRQ / KA7FDQ	84
N7CRP	54
N7DZR	28
KA7CTP	27
W7AXJ	25
N7CME	23
KO7B	21
KA7KBH	16

RUSTY KEY CONTEST

10 METER RUSTY KEY RULES:

- *DATE *TIME *FREQUENCY: Thurs., Oct. 21, 7:00pm to 10:00pm, 28.1MHz. to 28.2MHz.
- *OBJECTIVE: To work as many stations as possible during contest period and in so doing promote the spirit of friendly competition and sportsmanship. To improve our proficiency in C.W. and give all O.T.V.A.R.C. members a chance to meet new friends. New or inexperienced operators are especially invited to participate.
- *EXCHANGE: Call, Name, and RST. Signatures will count extra.
- *MULTI-OP stations are O.K. one transmitter, and one receiver only. Control Ops of Novice or Tech. Multi-op stations must operate for reasonable part of contest.
- *SCORE: Novice and Technician stations add 4 points per station contacted. All others add 2 points per station contacted. Add 2 points for each Operator worked during the contest that you meet and obtain their signature. Signatures must be collected on separate papers and submitted attached to log. Do not discuss your score with others involved with the contest. Contest is not restricted to club members. Duplicate contacts do not count even if with different operator.
- *LOGS: Use your choice of log, or pick up log and rules sheet at club meeting. Logs are due Postmarked no later than December 31, 1982. Send logs to: O.T.V.A.R.C., P.O. Box 5132, Beaverton, OR 97006.
- *PRIZES: Once again the coveted RUSTY KEY Plaques will be awarded to the contest winner and runner up. A drawing from submitted logs will determine the winner of an additional prize. Everyone who submits a Log will receive a special RUSTY KEY certificate, and recognition in O.T.V.A.R.C. NEWSLETTER.

CONTEST VIEWPOINT de N7CRP

The Second Annual RUSTY KEY Contest will be held on Thurs., Oct 21. If you have been dreaming up excuses why not to operate, here are a few reasons why you should:

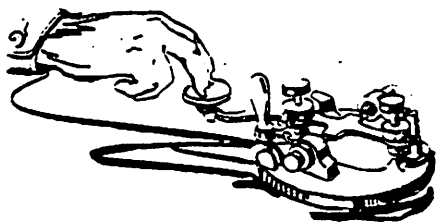
It's FUN. If you don't know, or have forgotten, operating C.W. is fun, and it's even more fun to do it with your friends. If you think watching T.V. or monitoring 2 meters is fun, this contest will BLOW YOUR SOCKS OFF!

It's EDUCATIONAL. Some of the clubs best C.W. ops will be working the contest and they will gladly slow to your speed to help you make your contact. Working with highly skilled operators is the best way to improve your own operating techniques.

It's EXCITING. Friendly competition for the Prizes is stiff, but Novices and Techs. have a substantial advantage, and there is time to roll up a good score even if your C.W. is marginal.

It's GOOD for the CLUB. Successful activities make a successful club. That's why you should consider making a few contacts during the contest if (heaven forbid) you don't have time to play radio for three hours. That's also why you should submit your log even if you think you didn't win. Anyone who participates also contributes, and helps to guarantee more and better future activities.

It means RECOGNITION for you. Results will appear in the ^{Jan.} ~~February~~ O.T.V.A.R.C. NEWSLETTER. Anyone who submits a log will be on the list of RUSTY KEY participants, and will no doubt be recognized as one of the ELITE of C.W. Ops in the Club. Meeting the Hams worked during the contest can turn you from Ms. or Mr. Anonymous Ham into one of the better known Hams in the club!



Remember good old Steve, N4BOS?? He was a short lived VP for the club and is now living in Texas. Marty, KA7CTP, set up a weekly schedule with Steve and if any of the old pals want to say hi—here is the sked.

Sunday at 12:30 pm. Try first on 15m at 21.430, + or - 5 depending on QRM. No luck, try 20m at 14.330, + or - 5.

To join or not to join — the ARRL

Fred Kahn, KK2T

How many of you belong to the ARRL? Please raise your hands. Now, how many of you participate in any of the local traffic nets? Ah, less hands, but the same where they're raised. Well, how many of you take part in presenting Amateur Radio with good public relations, or prepare for emergency communications needs? Well, I see the same hands once again!

Amateur Radio and the luxurious privileges we enjoy from our government need ever-constant nurturing — especially from its constituents, you and me, the amateurs. There are many ways for us to earn our right to be an amateur. Some check in regularly with the local National Traffic System (NTS) affiliate or independent net. Others keep their stations (and themselves) prepared for emergencies. Others help preserve and strengthen the image of Amateur Radio with good public relations.

One of the most important ways, however, to make sure that we will always be able to enjoy our hobby is to be sure we are well-represented at all levels of government. This, to me, is a vital role of the ARRL. Sure, QST is good, the guidebooks are great, and all the contests and free code practice sessions are terrific. But these, like other things the League does, are just extras to me. I look at my membership in the League in several different ways.

First, and most important to me, the League represents Amateur Radio (and me) in Washington and to governments around the world through the IARU. This means less chance of losing the privileges I worked so hard to get. Also, as demonstrated in the last WARC, it may even mean the possibility of gaining additional operating privileges. With today's tightening economy, it becomes even more important to keep Washington from tightening my belt.

Second, and important as well, there's the important coordinating tasks that the League undertakes with the NTS, the IARU, the volunteer instructor program, the contest, Field Day, the ARES and much more.

Third is the magazine, QST. While technically it's gotten a bit high-level lately, it manages to keep me-informed of the latest technological breakthroughs. It also informs me of political and functional happenings involving the hobby and carries notices of upcoming contests, flea markets and conventions. Equipment tests and other articles are informative and beneficial.

The cost? Well, it's expensive. Twenty-five dollars is a lot of money. But if you look at what you get, it's got to be the best buy around. To help keep long-range costs down, I just signed up for life membership. One thing is for sure: I can't afford to be without the League!

— Metroplex Newsletter, Leonia, NJ □

Will let Steve tell you all about the club he helped get started at his new QTH. Give a call!

ARRG !!!!

We have some newer people that are unaware of ARRG, it's repeaters and of the ARES net that takes place every evening. ARRG is the 'Amateur Radio Relay Group' and owns and runs the South Saddle Mtn. repeater on 147.92-32. Also the 146.04-64 rpttr located on the channel 6 tower in the Sylvan hills overlooking Portland. If that isn't enough, there is also a 220 rpttr up on South Saddle and a 450 rpttr on the channel 6 tower. The ARES net can be found every nite of the week on 147.92-32 at 7:30. It is a very lite duty net as far as traffic handling goes but is a good one to check into and pick up information as to what is happening locally. Quite a few informational QST's are

made and if you are new on 2m, it is a good way to get acquainted with some fellow hams. OTVARC has nothing to do with ARRG and vice-versa. At times it may seem that we are one and the same but that is only because so many OTVARC members are also members of ARRG and again, vice-versa. If you are interested in joining ARRG and obtaining auto-patch privileges, call Warren, W7JDT, at 644-0752. Warren, as are most of the ARRG officers, is a member of OTVARC. See you on the net??

CONVENTION '83 It is hoped that in next months rag we will have some information on where we are at and where we are going with our Oregon State Convention. The basic committees have been formed and work has begun. Look for the news next month!

The University of South Carolina has developed a new experimental system of 3D television without special eyeglasses! "Visidep" (for Visual Image Depth Enhancement) uses a system which jiggles the various picture backgrounds to give the illusion of a third dimension. The different perspectives are produced by different cameras which are multiplexed onto a single videotape and "produces 3D in much the same fashion as a one-eyed person perceives depth."



O.T.V.A.R.C. CONTEST CALENDAR for 1983

January 20th - 15 Meter RUSTY KEY Contest
 February 13th - Valentines Day SPECIAL EVENT STATIONS
 May 20th - Two Meter HAPPY HOUR Phone Contest
 June 24,25,26 - FIELD DAY
 August 19th - Two Meter HAPPY HOUR Phone Contest
 October 20th - Third Annual RUSTY KEY Contest (10m)

BUNNY HUNT SCHEDULE

Oct. 16-Intermediate hunt starting at Bi-Mart in Hillsboro.
 Oct. 23-Beginner level starting at Norths in Beaverton.
 Nov. 6--Advanced hunt starts at Wash. Sq. Sears auto store.
 Nov. 20-Intermediate hunt starting at Norths in Bvtn. Mall.
 Dec. 4--Advanced hunt starting at Bi-Mart in Hillsboro.
 Dec.18-Beginner level starting at Norths in Bvtn. Mall.

All hunts assemble at 1:30 and start at 2:00. Be prompt....
 To participate in a beginner level hunt, you MUST take a HAM
 with you that has never been on a bunny hunt before.

OCT. 2 ADV. BUNNY HUNT RESULTS

WB7SIC
 W7CLU
 W7XI
 KC7U
 W7LJN



I could have a lot of fun with this but won't other than to say that LJN was happy to see a new-comer (SIC) to bunny hunts to 'laugh at'. Please note the last place finisher! Hi-Hi....
 If I can do it, so can YOU. Get out and ride with someone!!!!

LAST MINUTE FOR SALE OR TRADE

For Sale: 19 element Cushcraft Boomer for 2m. Perfect cdx! \$50.00. Chuck, N7CIL at 1-738-9741 in Seaside. Will trade!

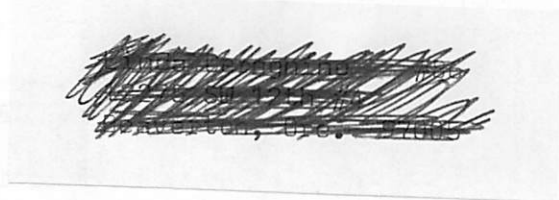
For Sale: Heath SB401 txmiter. SB301 rcvr. SB600 spkr. These Heath HF twins are in mint cdx and with a price of \$295.00 will make someone a good station. Novices take note! A GREAT way to get started and at a low cost. Doug, N7CDI at 649-4540.

Wanted: 60' of Rohn 25G. Will buy or trade for a 40' crank-up tower. Al, WB7SIC at 640-5456.

MEETING PROGRAM - MEETING PROGRAM

We are very fortunate to have Neil Robin, WA7NBF, give us our October meeting program. Neil, a licensed amateur since 1959, is a manager in engineering at Tektronix. He has a wide variety of interests in amateur radio, one of which is microwave experimentation. During the past three years he has combined several of his hobbies-computers, hamming and RTTY. His program will be a sharing with us of some of what he has learned while combining his Apple computer, RTTY and the fun of amateur radio. If time allows we will have not only a description of RTTY and the advantages of computer tie-in, but some information on RTTY repeaters. Neil was kind enough to give an EXCELLENT seminar at our June Convention and even though it was on a Friday nite, the room was full. The comments from those who attended were A-ONE. If you are not into computers, you may very well be in a short time. If not in a ham application, you will be for other usage. Prices are dropping like a stone, changes occur daily, new and smaller units become available at the drop of a hat. The COMPUTER AGE is here and to stay. Perhaps Neil could come up with a program to compute when your wife will have a headache. I bet that the program would sell millions of computers and the software income? Sky high! Let's give Neil the pleasure of your attendance. A top program deserves a full room!!

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